

ABSTRACT OF THE DISCLOSURE

A valve core for opening and closing a core mounting throughbore includes a cylindrical core body fixed inside the 5 throughbore and made of a metal having a hardness differing from an inner wall of the throughbore, the core body having a distal opening, a moving shaft inserted through the core body so as to be directly moved and made of a metal having a hardness differing from the core body, the moving shaft having an end, a plug formed 10 integrally at the end side of the moving shaft so as to open and close the distal opening of the core body, a biasing member biasing the moving shaft so that the distal opening of the core body is closed by the plug, a body positioning abutment formed on an outer face of the core body so as to abut the inner wall of the throughbore, 15 thereby providing a metal seal for a gap between the inner wall of the throughbore and the outer face of the core body, and an abutting taper formed on the plug so as to abut an inner edge of the distal opening of the core body, thereby providing a metal seal for a gap between the plug and the distal opening of the 20 core body.